

Road Erosion Assessment Form

Road Segment ID Code:		Date / Time Assessed:	
Town:		Road Name:	
Make an X to the right of your choice for each criteria			
Windshield Assessment			
Erosion Present :	Yes : <input type="checkbox"/>	No : <input type="checkbox"/>	Water Quality Issue? Yes : <input type="checkbox"/> No : <input type="checkbox"/>
Problem Fixed?:	Yes : <input type="checkbox"/>	No : <input type="checkbox"/>	River/Road Conflict? Yes : <input type="checkbox"/> No : <input type="checkbox"/>
Notes:			
NOTE: If Marking No to Water Quality Issue - STOP. Do not conduct Detailed Assessment			
Detailed Assessment			
Erosion Location - NOTE: Please mark all locations where erosion is present			
Roadway	<input type="checkbox"/>	Road Shoulder	<input type="checkbox"/>
Culvert Headwall	<input type="checkbox"/>	Culvert Outlet	<input type="checkbox"/>
Off Road ROW	<input type="checkbox"/>	Ditched Stream	<input type="checkbox"/>
Ditch	<input type="checkbox"/>	Road Bank	<input type="checkbox"/>
Culvert Inlet	<input type="checkbox"/>	Fill Slope	<input type="checkbox"/>
Erosion Type - mark any type of erosion observed			
Rill	<input type="checkbox"/>	Incision	<input type="checkbox"/>
Slump	<input type="checkbox"/>	Ditch Scour	<input type="checkbox"/>
Water Quality Risk Assessment Criteria			
Road/Ditch Material in Waterbody - the potential for road/ditch material to reach water body under normal precipitation			
Slight	<input type="checkbox"/>	Moderate	<input type="checkbox"/>
Severe	<input type="checkbox"/>		
Runoff Volume - relative amount of runoff water to and through the erosion point or area, based on drainage area size			
Low	<input type="checkbox"/>	Medium	<input type="checkbox"/>
High	<input type="checkbox"/>		
Slope to Waterbody - the slope of the conveyance from the road to the water body			
Low (0 - 10%)	<input type="checkbox"/>	Medium (10-30%)	<input type="checkbox"/>
High (>30%)	<input type="checkbox"/>		
Ground Cover to Waterbody - ground cover of the conveyance - only vegetation below knee-height is considered.			
>50% Vegetation	<input type="checkbox"/>	<50% Vegetation	<input type="checkbox"/>
Bare Channel	<input type="checkbox"/>		
Road Characteristics Criteria			
Road Slope - average of the slope within the erosion issue drainage area			
Low (<5%)	<input type="checkbox"/>	Medium (5-10%)	<input type="checkbox"/>
High (>10%)	<input type="checkbox"/>		
Road Shape - road surface's ability to shed water			
Good	<input type="checkbox"/>	Moderate	<input type="checkbox"/>
Poor	<input type="checkbox"/>		
Road Surface Material - resistance of surface to erosion during normal precipitation			
Processed ledge/gravel	<input type="checkbox"/>	Unprocessed Gravel	<input type="checkbox"/>
Unsuitable	<input type="checkbox"/>		
Road Bank Stability - potential for road bank to erode			
N/A	<input type="checkbox"/>	Stable	<input type="checkbox"/>
Fair	<input type="checkbox"/>	Poor	<input type="checkbox"/>
Ditch Shape - geometric shape of the ditch (leave blank if no ditches present)			
V-Shaped	<input type="checkbox"/>	Box Shaped	<input type="checkbox"/>
U-Shaped	<input type="checkbox"/>	Full	<input type="checkbox"/>
Ditch Stability - potential for ditch wall/bottom material to erode (leave blank if no ditches present)			
Stable	<input type="checkbox"/>	Fair	<input type="checkbox"/>
Poor	<input type="checkbox"/>		